

Product datasheet for **SC118350**

RAB3B (NM_002867) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB3B (NM_002867) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB3B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_002867, the custom clone sequence may differ by one or more nucleotides

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ATGGCTTCAGTGACAGATGGTAAAACGGAGTCAAGATGCCTCTGACCAGAATTTTACTACATGTTTA  
AACTGCTTATCATTGGCAACAGCAGTGTGGCAAGACCTCCTTCCCTCTCCGCTATGCTGATGACACGTT  
CACCCAGCCTTCGTTAGCACCGTGGGCATCGACTTCAAGGTGAAGACAGTCTACCGTCACGAGAAGCGG  
GTGAAACTGCAGATCTGGGACACAGCTGGGCAGGAGCGGTACCGGACCATCACAACAGCCTATTACCGTG  
GGGCCATGGGCTTCATTCTGATGTATGACATACCAATGAAGAGTCCCTTCAATGCTGTCCAAGACTGGGC  
TACTCAGATCAAGACCTACTCCTGGGACAATGCACAAGTTATTCTGGTGGGAACAAGTGTGACATGGAG  
GAAGAGAGGGTTGTTCCCACTGAGAAGGGCCAGCTCCTTGACAGACAGCTTGGGTTTGATTTCTTTGAAG  
CCAGTGCAAAGGAGAACATCAGTGTAAGGCAGGCCTTTGAGCGCCTGGTGGATGCCATTTGTGACAAGAT  
GTCTGATTCGCTGGACACAGACCCGTCGATGCTGGGCTCCTCAAGAACACGCGTCTCTCGACACCCCA  
CCGCTGCTGCAGCAGAACTGCTCATGCTAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_002867 unedited ACTATAGGGCGGCCGGAATTCGGCACGAGCCTCGTGCCGAATTCGGCACGAGGATGGCT TCAGTGACAGATGGTAAAACGGAGTCAAAGATGCCTCTGACCAGAAATTTGACTACATG TTTAAACTGCTTATCATTGGCAACAGCAGTGTGGCAAGACCTCCTTCTCTCCGCTAT GCTGATGACACGTTACCCAGCCTTCGTTAGCACCGTGGGCATCGACTCAAGGTGAAG ACAGTCTACCGTCACGAGAAGCGGGTAAACTGCAGATCTGGGACACAGCTGGGCAGGAG CGGTACCGGACCATCACAAACAGCCTATTACCGTGGGGCCATGGGCTTCATTCTGATGTAT GACATCACCAATGAAGAGTCCTTCAATGCTGTCCAAGACTGGGCTACTCAGATCAAGACC TACTCCTGNGACAATGCACAAGTTATTCTGGTGGGAACAAGTGTGACATGGAGGAAGAG AGGGTTGTTCCCACTGAGAAGGGCCAGCTCCTTGCAGAGCAGCTTGGGTTTGATTTCTTT GAAGCCAGTGCANAGGAGAACATCAGTGNTAGGCANGCCTTTGAGCGCCTGGTGGATGCC ATTTGTGACAGATGTCTGATTGCTGGACACAGACCCGTCGATGCTGGGCNTCTCAAGA CACGCGTCTCTCGGACACCCACCGCTGCTGCAGCAGAAGTCTCATGCTAGGGCAGGCC ACTTTTCTGACCTNNCCCTCATGTGCCCCACACCCAGTCTGCTTCTCCCTGTACACACT GNNCGCTCTAAGCCCACTTTCCTGGTACACACTGCCACACTCAGAGCAAGGATGAGTT GCTGCTATTCCTTGCCCTGCCCTGGNGTTCTCTGCAGATGGTCCCANTATAAGATCT CAGCACTAAACTAACCTAACAGTCACTAAACCGGGTGAAAAATCCTTTACAAAGAAGAA CTCTGGTTTACGAAGGGGATTCTACACGGGACTAANAGAACAGTCTCTTTTCTGGCTTA AAAAGAGAAGTCCTCATTACACAAA
Restriction Sites:	NotI-NotI
ACCN:	NM_002867
Insert Size:	2570 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_002867.2 , NP_002858.2
RefSeq Size:	1565 bp
RefSeq ORF:	660 bp
Locus ID:	5865
UniProt ID:	P20337
Cytogenetics:	1p32.3

Domains:	ras, RAN, RAS, RHO, RAB
Protein Families:	Druggable Genome
Protein Pathways:	Tight junction
Gene Summary:	Protein transport. Probably involved in vesicular traffic (By similarity).[UniProtKB/Swiss-Prot Function]